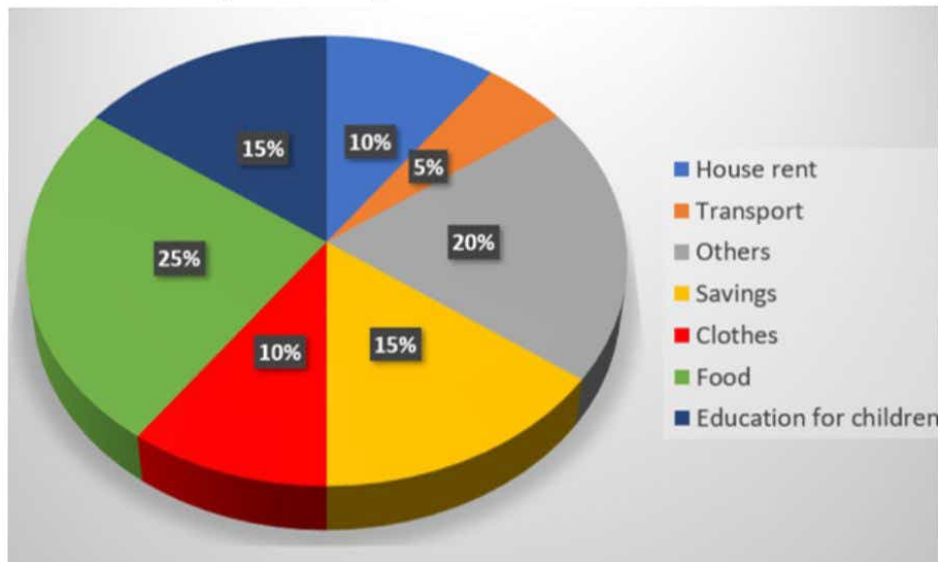


DATA HANDLING WORKSHEET -2

1. Read the text carefully and answer the questions:

Below pie chart gives the expenditure (in percentage) on various items and savings of a family during a month.



- i. _____ shows the relationship between a whole and its parts.
- ii. On which item, the expenditure was maximum?
 - a) Food
 - b) Transport
 - c) House rent
 - d) Clothes
- iii. Expenditure on which item is equal to the total savings of the family?
 - a) Food
 - b) Education of children
 - c) Transport
 - d) Others

iv. If the monthly savings of the family is ₹ 3000, what is the monthly expenditure on clothes?

- a) ₹ 300
- b) ₹ 3000
- c) ₹ 200
- d) ₹ 2000

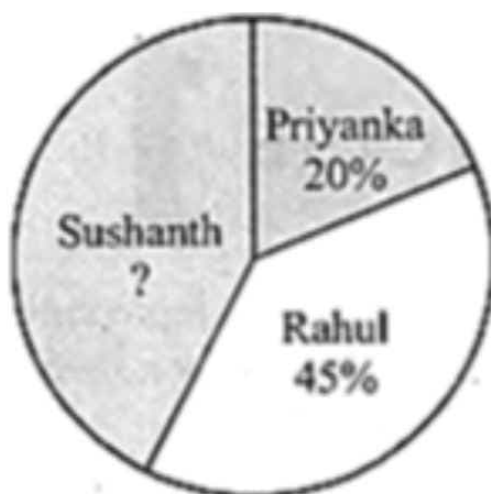
v. A circle graph is also called as Histogram.

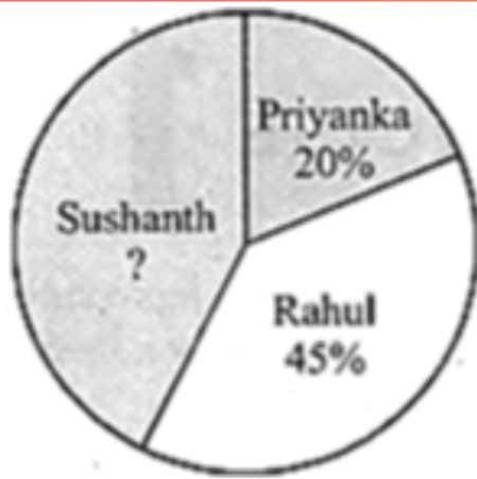
- a) True
- b) False

2. A geometric representation showing the relationship between a whole and its parts, is a

- a) histogram
- b) pictograph
- c) pie chart
- d) bar graph

3. The pie chart shows a percentage breakdown of 1000 votes in student elections. How many votes did Sushanth receive?





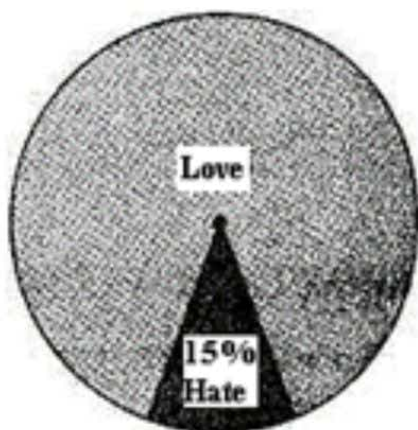
- a) 350
- b) 550
- c) 450
- d) 330

4. **Assertion (A):** The measure of all the angles at the centre of the circle is 360° .

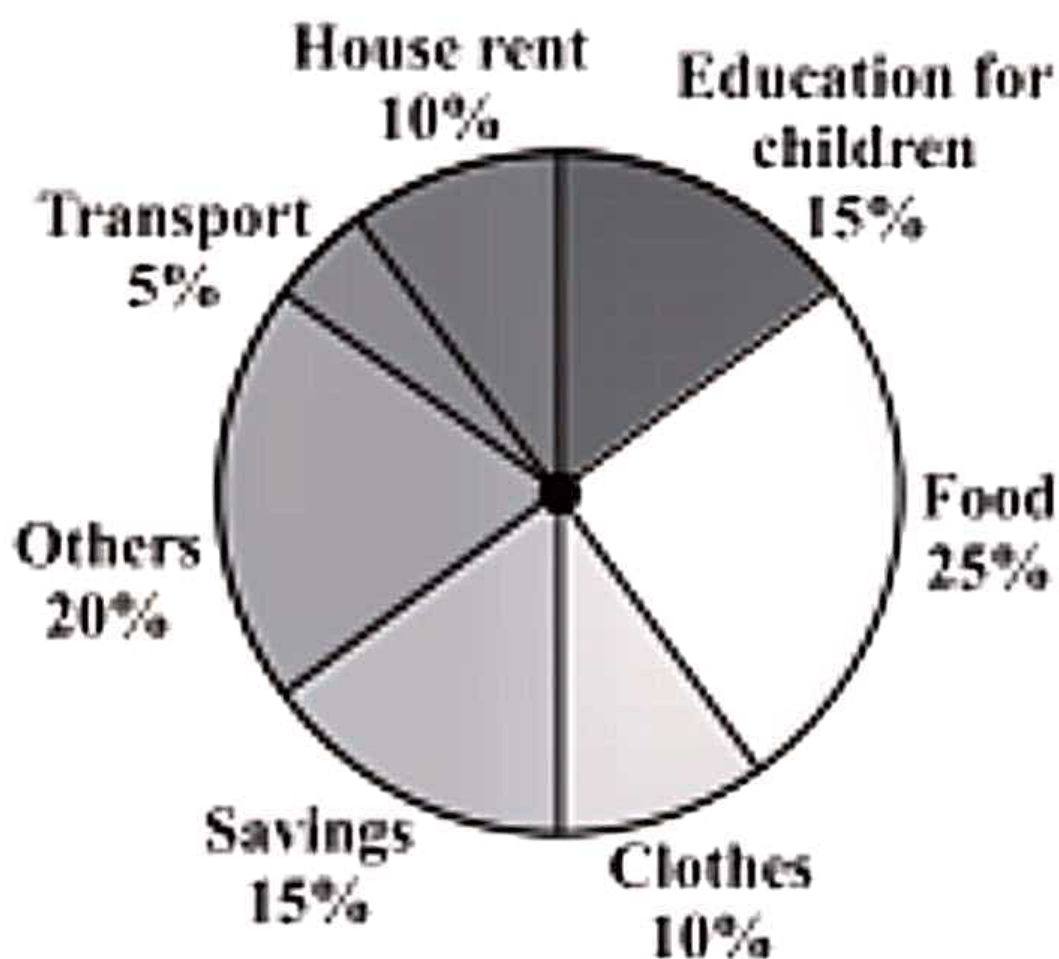
Reason (R): If the information given in the bar graph is shown in a single circle, it is called a pie graph.

- a) Both A and R are true and R is the correct explanation of A.
- b) Both A and R are true but R is not the correct explanation of A.
- c) A is true but R is false.
- d) A is false but R is true.

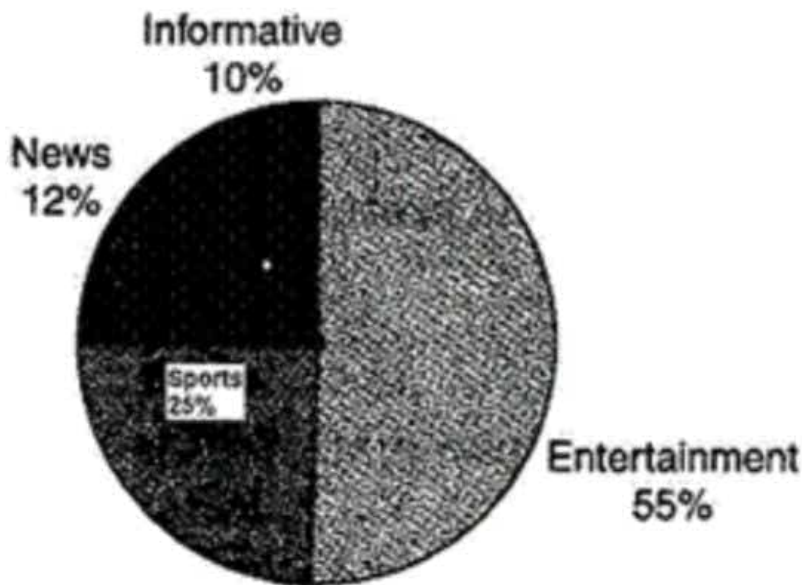
5. Find the fraction of the circle representing each of these information. (In Decimal)



6 . Adjoining pie chart figure the expenditure (in percentage) on various items and savings of a family during a month. On which item, the expenditure is maximum?



7. The following questions based on the pie chart:



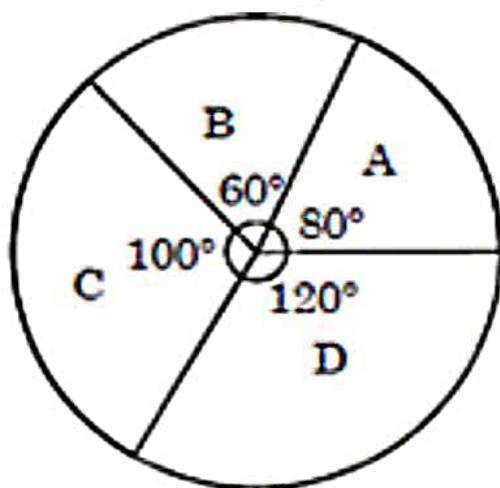
Viewers watching different types of channels on T.V.

- Which type of programmes are viewed the most?
- Which two types of programmes have a number of viewers equal to those watching sports channels?

8. The following data represents the different number of animals in a zoo. Prepare a pie chart for the given data.

Animals	Number of animals
Deer	42
Elephant	15
Giraffe	26
Reptiles	24
Tiger	13

9. The following pie chart represents the number of valid votes obtained by four candidates who contested an election for the post of chairman. The total number of valid votes polled was 720.



- What are the number of votes polled by the winning candidate?
- How many votes were polled in the favour of candidate B?

10. On a particular day, the sales (in rupees) of different items of a baker's shop are given below.

ordinary bread	320
fruit bread	80
cakes and pastries	160
biscuits	120
others	40
Total	720

Draw a pie chart for this data

11. The table shows the colour preferred by a group of people. Draw a pie chart showing the following information:

Colour	Blue	Green	Red	Yellow	Total
Number of people	18	9	6	3	36

12. Draw a pie chart of the data given below:

The time spent by a child during a day.

Sleep – 8 hours

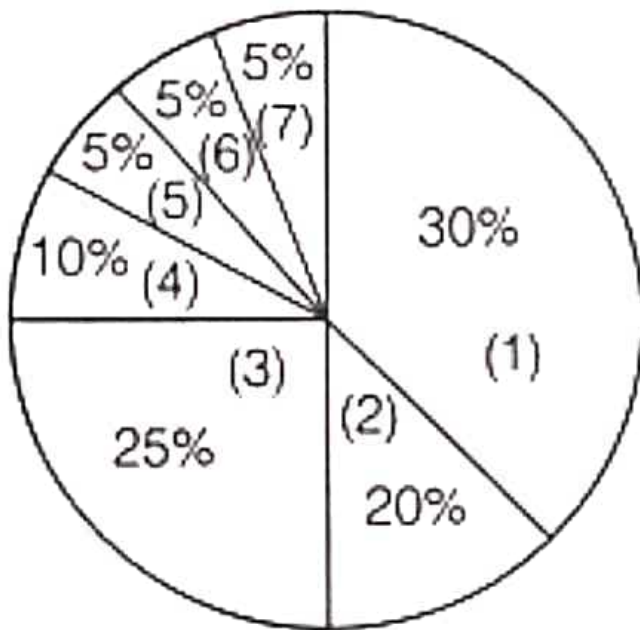
School – 6 hours

Homework – 4 hours

Play – 4 hours

Other – 2 hours

13. A financial counselor gave a client this pie chart describing how to budget his income. If the client brings home 50000 each month, how much should he spend in each category?



1. Housing
2. Food (including eating out)
3. Car loan and maintenance
4. Utilities
5. Phone
6. Clothing
7. Entertainment